

PATENT ABSTRACTS OF JAPAN

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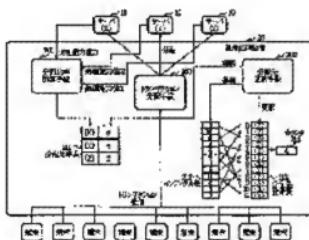
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(54) COMMUNICATION PROCESSING SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To effectively distribute transactions received from plural terminals to respective servers corresponding to the throughput or load states of the respective servers by detecting the fluctuation of throughput or load states of the respective servers and dynamically changing the distribution ratio of transactions to the respective servers.

SOLUTION: The transactions from plural terminals 30 are received by a transaction distributing means 203 of the communication processor 20, and the processing is distributed to plural servers 10 to be parallelly operated. Concerning this distribution, the throughput is inquired of the respective servers 10 by a distribution ratio calculating means 201, these respective servers 10 report numerical values expressing the throughput from the throughput or load states of their own CPU to the distribution ratio calculating means 201, and that distribution ratio calculating means 201 dynamically changes the distribution ratio so that the number of entries on an index table 212 and a distribution destination register table 213 is equal to the total of transaction distribution ratio. Thus, the loads of transactions can be suitably distributed to the respective servers 10.



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